



Optimal Solutions for the Future

T 3600D



**High productivity
tapping center
equipped with
dual pallet**

T 3600D

ver. EN 160212 SU

Basic structure

The T 3600D is designed to maximize productivity, and is equipped with a new frame and servo units, all of which enhance durability.

Rigid structure

CAE analysis design has improved stability of the overall machine's structure.



Travel distance (X/Y/Z axis)

520/360/350 mm
(20.5/14.2/13.8 inch)

Rapid traverse rate(X/Y/Z axis)

48/48/56 m/min
(1889.8 / 1889.8 / 2204.7 ipm)

Table size

2-650x375 mm
(2-25.6x14.8 inch)

NC system

DOOSAN FANUC i

Compact size

The small machine footprint optimizes user's convenience.



Machine layout (Width x Length x Height)

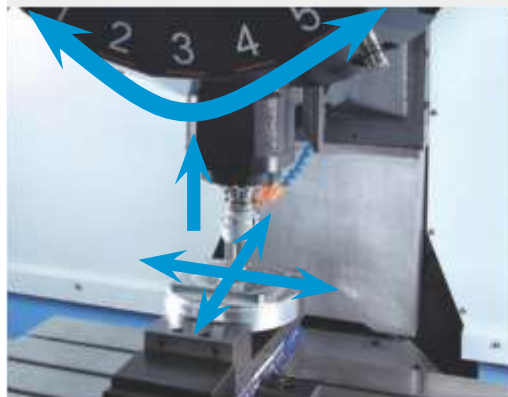
1620x3000x2550 mm
(63.8x118.1x100.4 inch)

Machine weight

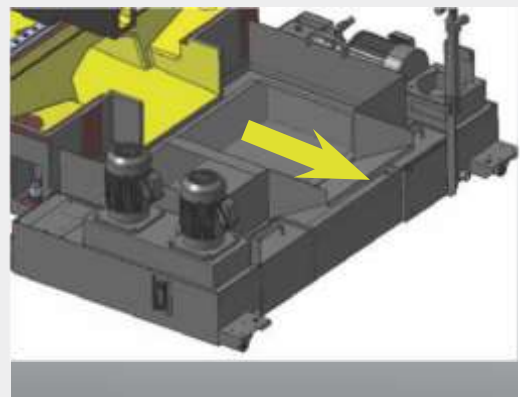
4000 kg (8818.5 lb)

Simultaneous operation control function

To reduce non cutting time, simultaneous X/Y axis moving is possible during tool change.



Easy chip disposal



Spindle

Designed with a reliable direct coupled spindle, the T3600D provides high productivity by minimizing spindle acc/dec time



Max. spindle speed

12000 r/min

Max. spindle power (S3 25%/Cont.)

13/7.5 kW (17.4/10.1 hp)

Max. spindle speed option

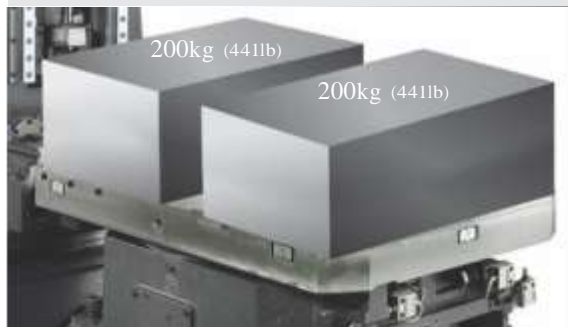
24000 r/min

Max. spindle power (S3 25%/Cont.)

5.5/3.7 kW (7.4/5.0 hp)

Auto pallet change system (APC)

A servo driven APC has been adopted as a standard feature to further reduce pallet change time while enhancing productivity and reliability.



Pallet change time

2.9 s

(Reduced by 30% compare to previous model)

Max. workpiece weight

2-200 kg (2-441 lb)

Max. workpiece height

300mm (11.8 inch)

Auto tool change system (ATC)

To improve productivity and reliability, a servo driven tool magazine is included as a standard feature



Tool storage capacity

14 {21} ea option

Tool-to-Tool

1.45 s

Chip-to-Chip

2.22 s

Main Specifications



Description	Unit	T3600D
Max. spindle speed	r/min	12000 {24000}
Spindle motor power	kW(hp)	13(17.4)/7.5(10.1) {5.5(7.4)/3.7(5.0)}
Tool taper	-	ISO #30
Travel distance (X/Y/Z axis)	mm(inch)	520(20.5) x 360(14.2) x 350(13.8)
Tool storage capacity	ea	14 {21}
Table size	mm(inch)	2-650(25.6)x375(14.8)
Max. workpiece weight	kg(lb)	2-200(441)
Machine size(Width x Length)	mm(inch)	1620(63.8) x 3000(118.1)
NC system	-	DOOSAN FANUC i

{ } option



Doosan Machine Tools

<http://www.doosanmachinetools.com>

www.facebook.com/doosanmachinetools

Optimal Solutions for the Future

Head Office

Doosan Tower 20th FL., 275, Jangchungdan-Ro
(St), Jung-Gu, Seoul
Tel +82-2-3398-8693 / 8671
Fax +82-2-3398-8699

Doosan Infracore America Corp.

19A Chapin Rd., Pine Brook, NJ 07058, U.S.A.
Tel +1-973-618-2500
Fax +1-973-618-2501

Doosan Infracore Germany GmbH

Emdener Strasse 24, D-41540 Dormagen,
Germany
Tel +49-2133-5067-100
Fax +49-2133-5067-001

Doosan Infracore Yantai Co., LTD

13 Building, 140 Tianlin Road, Xuhui District,
Shanghai, China (200233)
Tel +86-21-6440-3384 (808, 805)
Fax +86-21-6440-3389

Doosan Infracore Construction Equipment India Pvt. Ltd. (Machine Tool Div.)

106 / 10-11-12, Amruthahalli, Byatarayanapura,
Bellary road, Bangalore-560 092, India
Tel +91-80-4266-0122 / 121 / 100

Doosan International South East Asia Pte Ltd.

42 Benoi Road, Jurong 629903, Singapore
Tel +65-6499-0200
Fax +65-6861-3459



➤ For more details, please contact Doosan.

➤ The specifications and information above-mentioned may be changed without prior notice.